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(54) Title: **ANTAGONISTIC ANALOGS OF GH-RH (2003)**

(57) Abstract: There is provided a novel series of synthetic antagonistic analogs of hGH-RH(1-29)NH<sub>2</sub>. These analogs inhibit the activity of endogenous hGH-RH on the pituitary GH-RH receptors, and therefore prevent the release of growth hormone. The analogs also inhibit the proliferation of human cancers through a direct effect on the cancer cells. The higher inhibitory potencies of the new analogs, as compared to previously described ones, results from replacement of various amino acids.

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